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**OPINIONS AND DECLARATIONS
RENDERED BY THE INTER-
NATIONAL COMMISSION ON
ZOOLOGICAL NOMENCLATURE**

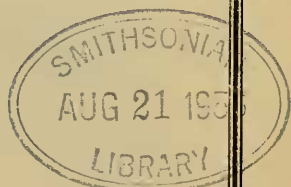
Edited by

FRANCIS HEMMING, C.M.G., C.B.E.
Secretary to the Commission

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OPINION 412

Suppression under the Plenary Powers of new names proposed by Linnaeus in the pamphlet entitled *A Catalogue of the Birds, Beasts, Fishes, Insects . . . contained in Edwards's Natural History* published in 1776



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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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OPINION 412

SUPPRESSION UNDER THE PLENARY POWERS OF
NEW NAMES PROPOSED BY LINNAEUS IN THE
PAMPHLET ENTITLED "A CATALOGUE OF THE
BIRDS, BEASTS, FISHES, INSECTS . . . CONTAINED
IN EDWARDS'S NATURAL HISTORY" PUBLISHED
IN 1776

RULING.—(1) Under the Plenary Powers all new names or new spellings for previously published names proposed by Linnaeus in the pamphlet entitled *A Catalogue of the Birds, Beasts, Fishes, Insects . . . contained in Edwards's Natural History* are hereby suppressed for the purposes both of the Law of Priority and of the Law of Homonymy.

(2) The under-mentioned generic name for a taxon belonging to the Class Aves, as suppressed under the Plenary Powers under (1) above, is hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name No. 438 :—*Vermivora* Linnaeus, 1776.

(3) The under-mentioned specific names (or new spellings for previously published specific names) for taxa belonging to the Class Aves, as suppressed under the Plenary Powers under (1) above, are hereby placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* with the Name Nos. severally specified below :—

- (a) *americ.* [sic] Linnaeus, 1776, as published in the combination *Vermivora americ.* [sic] (Name No. 291) ;
- (b) *arararacina*¹ Linnaeus, 1776, as published in the combination *Psittacus arararacina* (Name No. 292) ;
- (c) *bicator* Linnaeus, 1776, as published in the combination *Coracias bicator* (Name No. 293) ;
- (d) *calidris* Linnaeus, 1776, as published in the combination *Motacitta* [sic] *calidris* (Name No. 294) ;
- (e) *cinereus* Linnaeus, 1776, as published in the combination *Todos* [sic] *cinereus* (Name No. 295) ;
- (f) *dominica* Linnaeus, 1776, as published in the combination *Loxia dominica* (Name No. 296) ;
- (g) *falcolinus* Linnaeus, 1776, as published in the combination *Tetrao falcolinus* (Name No. 297) ;
- (h) *globifera* Linnaeus, 1776, as published in the combination *Crax globifera* (Name No. 298) ;
- (i) *hybrida* Linnaeus, 1776, as published in the combination *Meleagris hybrida* (Name No. 299) ;
- (j) *lutea* Linnaeus, 1776, as published in the combination *Muscicapa lutea* (Name No. 300) ;
- (k) *nyctelea* Linnaeus, 1776, as published in the combination *Strix nyctelea* (Name No. 301) ;
- (l) *pensylvanica* [sic] Linnaeus, 1776, as published in the combination *Passer pensylvanica* [sic] (Name No. 302) ;

¹ This extraordinary misspelling was inadvertently made less extraordinary by Peters (1950) who, as shown in the table given in paragraph 4 of the present *Opinion*, reported Linnaeus as having used the spelling *araracina* in 1776. As there shown, the correct spelling is *ararauna* (*Psittacus ararauna* Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 96).

- (m) *senegallensis* Linnaeus, 1776, as published in the combination *Picus senegallensis* (Name No. 303) ;
- (n) *spectrum* Linnaeus, 1776 (: 13, ref. Edwards's pl. 315), as published in the combination *Psittacus spectrum* (Name No. 304) ;
- (o) *spectrum* Linnaeus, 1776 (: 13, ref. Edwards's pl. 316), as published in the combination *Psittacus spectrum* (Name No. 305) ;
- (p) *umbellatus* Linnaeus, 1776, as published in the combination *Tetrao umbellatus* (Name No. 306) ;
- (q) *voarula* Linnaeus, 1776, as published in the combination *Motacilla voarula* (Name No. 307) ;
- (r) *zeylonicus* Linnaeus, 1776, as published in the combination *Turdus zeylonicus* (Name No. 308).

(4) The under-mentioned generic name is hereby placed on the *Official List of Generic Names in Zoology* with the Name No. 996 :—*Helmitheros* Rafinesque, 1819 (gender : neuter) (type species, by monotypy : *Motacilla vermivora* Gmelin (J.F.), [1789]).

(5) The under-mentioned specific names are hereby placed on the *Official List of Specific Names in Zoology* with the Name Nos. severally specified below :—

- (a) *magnolia* Wilson, 1811, as published in the combination *Sylvia magnolia* (Name No. 723) ;
- (b) *albicollis* Gmelin (J.F.), [1789], as published in the combination *Fringilla albicollis* (Name No. 724) ;
- (c) *vermivora* Gmelin (J.F.), [1789], as published in the combination *Motacilla vermivora* (Name No. 725).

(6) The title of the work specified in (1) above, as there suppressed under the Plenary Powers, is hereby placed on the *Official Index of Rejected and Invalid Works in Zoological Nomenclature* with the Title No. 32.

I.—THE STATEMENT OF THE CASE

On 19th October 1950 Colonel Richard Meinertzhagen, Chairman of the Standing Committee on Ornithological Nomenclature established by the Tenth International Ornithological Congress, Uppsala, 1950, addressed to the Commission a letter with which he transmitted two documents. Each of these contained a request for the suppression under the Commission's Plenary Powers of certain names for birds proposed by Linnaeus in a pamphlet entitled *A Catalogue of the Birds, Beasts, Fishes, Insects . . . contained in Edwards's Natural History* published in 1776, a work which had been completely ignored until shortly before the submission of Colonel Meinertzhagen's letter, when an attempt had been made by one author to introduce certain of the names concerned in place of names currently in use. The first of the documents enclosed with Colonel Meinertzhagen's letter was an application prepared by nine American ornithologists; the second was a statement prepared by the Standing Committee, commenting upon, and supporting, the application prepared by the American ornithologists. Colonel Meinertzhagen's letter, with its two enclosures, was as follows:—

Proposed use of the Plenary Powers to suppress three completely overlooked trivial names applied by Linnaeus to North American birds in 1776, together with an equally overlooked generic name published on the same occasion

Application submitted by
Standing Committee on Ornithological Nomenclature of the
International Ornithological Congress

Covering letter dated 19th October 1950, from Colonel R. Meinertzhagen, Chairman of the Standing Committee on Ornithological Nomenclature.

As Chairman of the Standing Committee on Ornithological Nomenclature, I have received an application signed by nine American ornithologists asking that the International Commission on Zoological Nomenclature should permanently suppress three trivial names proposed by Linnaeus for North American birds, the publication of which in 1776 has been brought to light through papers by Mr. W. L. McAtee published in 1949 and 1950 respectively. The three names which form the subject of the foregoing application were published

in a hitherto entirely overlooked list entitled "A Catalogue of the Birds, Beasts, Fishes, Insects, Plants, etc., contained in Edwards's Natural History".

The application received in regard to these names is submitted herewith for consideration by the International Commission (Enclosure 1). That application has been considered by the Standing Committee on Ornithological Nomenclature, the statement prepared by which is now submitted as Enclosure 2.

The three trivial names covered by the present application namely *lutea* Linnaeus, 1776, as published in the combination *Muscicapa lutea*; *pensylvanica* Linnaeus, 1776, as published in the combination *Passer pensylvanica*, and *americ.* [sic] Linnaeus, 1776, as published in the combination *Vermivora americ.* [sic], have never been used for the species concerned, apart from the occasion on which they were first published. The same is true of the generic name *Vermivora* Linnaeus, 1776, the name used as the generic name for the third of the foregoing species. The introduction at this date of the foregoing names would cause much unnecessary confusion and would serve no useful purpose whatever. It is for this reason that the International Commission is accordingly asked (1) to use its Plenary Powers to suppress for the purposes both of the Law of Priority and of the Law of Homonymy (a) the generic name *Vermivora* Linnaeus, 1776, and (b) the three specific trivial names specified above, (2) to place the foregoing names on the appropriate *Official Index of Rejected and Invalid Names*, (3) to place on the *Official List of Specific Trivial Names in Zoology* the trivial names currently used for the species concerned, namely: (i) the name *magnolia* Wilson, 1811, as published in the combination *Sylvia magnolia*, (ii) the name *albicollis* Gmelin, [1789], as published in the combination *Fringilla albicollis*, (iii) the name *vermivora* Gmelin, [1789], as published in the combination *Motacilla vermivora*; (4) to place the name *Helmitheros* Rafinesque, 1819 (gender of generic name: neuter) (type species, by monotypy; *Motacilla vermivora* Gmelin, [1789]) on the *Official List of Generic Names in Zoology*.

ENCLOSURE 1

Application submitted by nine American ornithologists

The International Zoological Congress at Monaco (1913) adopted a special article appended to the International Code of Zoological Nomenclature which gives the International Commission on Zoological Nomenclature authority to suspend the rules if their application would result in greater confusion than uniformity. This rule is to be applied specifically in cases where long-forgotten names are unearthed that have priority over well-established names. At the International Ornithological Congress at Uppsala a committee was established at the suggestion of the Secretary of the International Commission,

Mr. Francis Hemming, to collaborate with the International Commission with particular reference to the Monaco Resolution. The undersigned submit to this committee the following request for a suspension of the rule of priority in order to preserve three well-known names of North American birds. We ask the committee to endorse our application and to forward it to the International Commission.

2. The work in which the overlooked names occur is a publication by Linnaeus, consisting of a catalogue of the birds and other animals contained in Edwards's *Natural History*, published in 1776. All the details about this publication are presented by Mr. James L. Peters, 1950 (*Auk*. 67 : 375—377). Eighteen new names are proposed in this publication, but many of them are actually only misspellings of established names. In only three cases is the nomenclature of accepted bird names threatened. They are as follows :—

(1) Magnolia Warbler. The species name *magnolia* Wilson, 1811 (*Sylvia magnolia* Wilson, 1811, *Amer. Ornith.* 3 : 63) has been applied to this species for many generations. The name is antedated by *Muscicapa lutea* Linnaeus, 1776 (: 11) in the recently discovered publication.

(2) White-throated Sparrow. This species has been known for more than 150 years under the name *albicollis* Gmelin (*Fringilla albicollis* Gmelin, [1789], in Linnaeus, *Syst. Nat.* (ed. 13) 1(2) : 921). This name is antedated by *Passer pensylvanica* Linnaeus, 1776 (: 13).

(3) Worm-eating Warbler. This species has been known under the name *vermivora* Gmelin, [1789] (*Motacilla vermivora* Gmelin, 1789, in Linnaeus, *Syst. Nat.* (ed. 13) 1(2) : 951) for more than 150 years. It is antedated by *Vermivora americ.* Linnaeus, 1776 (: 13).

3. So far as known, none of the three Linnean names has been cited in the literature between 1776 and 1949 when Mr. McAtee first called attention to this publication. The names had thus been forgotten for a period of 173 years. On the other hand, the names which they would replace are the well-established names of some of our most familiar birds. They have been listed literally in many thousands of publications.

4. This is clearly a case in which strict adherence to priority would result in greater confusion than uniformity. The International Commission is therefore requested to place the Linnean names *Muscicapa lutea*, *Passer pensylvanica* and *Vermivora americ.* on the list of *nomina rejecta*, and in turn to place the names *Sylvia mangolia* Wilson, 1811, *Fringilla albicollis* Gmelin, [1789], and *Motacilla vermivora* Gmelin, [1789], on the list of *nomina conservanda*.

5. Failure of speedy action on this request would result in grave damage to the prestige of taxonomy.

E. R. BLAKE (*Chicago Natural History Museum, Chicago, Ill.*)

H. G. DEIGNAN (*U.S. National Museum, Washington, D.C.*)

JOHN E. EMLIN, Jr. (*Zoological Laboratory, University of Wisconsin*)

ALDEN H. MILLER (*California*)

FRANK A. PITELKA (*Museum of Vertebrate Zoology, University of California, Berkeley*)

A. L. RAND (*Chicago Natural History Museum, Chicago, Ill.*)

CHARLES H. ROGERS (*Princeton, New Jersey*)

M. A. TRAYLOR, Jr. (*Chicago Natural History Museum, Chicago, Ill.*)

ALBERT WOLFSON (*North Western University, Evanston, Ill.*)

ENCLOSURE 2

Statement prepared by the Standing Committee on Ornithological Nomenclature

- (1) The generic name *Vermivora* Linnaeus, 1776, *Cat. Birds, Beasts, Fishes, Insects . . . in Edwards's Natural History* : 13.

It is recommended that the above name should be made a *nomen rejectum* and that the following name by which the genus concerned is now known should be made a *nomen conservandum*:—*Helmitheros* Rafinesque, 1819, *J. Physique* **88** : 418 (type species, by monotypy : *Motacilla vermivora* Gmelin, [1789], in Linnaeus, *Syst. Nat.* (ed. 13) **1**(2) : 951).

- (2) The trivial name comprised in the specific name *Muscicapa lutea* Linnaeus, 1776, *ibid.* : 11.

It is recommended that the above name be made a *nomen rejectum* and that the trivial name comprised in the name currently accepted for this species, namely *Sylvia magnolia* Wilson, 1811, *Amer. Ornith.* **3** : 63, be made a *nomen conservandum*.

- (3) The trivial name comprised in the specific name *Passer pensylvanica* Linnaeus, 1776, *ibid.* : 13.

It is recommended that the above name be made a *nomen rejectum* and that the trivial name comprised in the specific name currently accepted for this species, namely *Fringilla albicollis* Gmelin, [1789], in Linnaeus, *Syst. Nat.* (ed. 13) **1**(2) : 96 ("Pennsylvania"), be made a *nomen conservandum*.

- (4) The trivial name comprised in the specific name *Vermivora americ.* [sic] Linnaeus, 1776, *ibid.* : 13.

It is recommended that the above name be made a *nomen rejectum* and that the trivial name comprised in the specific name currently accepted for this species, namely *Motacilla vermivora* Gmelin, [1789], in Linnaeus, *Syst. Nat.* (ed. 13) 1(2) : 951 ("Pennsylvania"), be made a *nomen conservandum*.

R. MEINERTZHAGEN, *Chairman of the Standing Committee.*

E. STRESEMANN, *Zoologisches Museum der Universität, Berlin.*

JOHN T. ZIMMER, *The American Museum of Natural History, New York.*

2. Application for the entire suppression of the "Catalogue of Birds" of Linnaeus for nomenclatorial purposes : On 3rd April 1951 Dr. John T. Zimmer, a member of the Standing Committee on Ornithological Nomenclature and a signatory to the application annexed as Enclosure 2 to Colonel Meinertzhagen's letter of 19th November 1950 (reproduced in the immediately preceding paragraph of the present *Opinion*), addressed a letter to the Commission, in which jointly with five other specialists, he asked on behalf of the Committee on Nomenclature of the American Museum of Natural History, New York, for the entire suppression for nomenclatorial purposes of the pamphlet by Linnaeus on the names for the taxa figured by Edwards, the suppression of four names in which had previously been asked for by the Standing Committee on Ornithological Nomenclature. The communication received from Dr. Zimmer and his colleagues was as follows :—

Proposed use of the Plenary Powers to suppress for nomenclatorial purposes the names by Linnaeus published in 1776 in the pamphlet entitled "A Catalogue of the Birds, Beasts, Fishes, Insects, Plants, . . . contained in Edwards's Natural History"

Application submitted by
The Committee on Nomenclature of The American Museum of
Natural History, New York

(Application dated 3rd April 1951)

The Committee on Nomenclature, of the Scientific Staff of the American Museum of Natural History, New York, is of the opinion

that the best interests of zoological nomenclature will be served by declaring the following publication to be eliminated from consideration as respects its systematic names as of this publication and date : Linnaeus, *A Catalogue of the Birds, Beasts, Fishes, Insects, Plants, etc.* contained in Edwards's *Natural History*, in seven volumes, London, 1776.

Mont A. Cazier
 Edwin H. Colbert
 Norman D. Newell
 George H. H. Tate
 John T. Zimmer (*Chairman*)

II.—THE SUBSEQUENT HISTORY OF THE CASE

3. Registration of the applications involved in the present case :

Upon the receipt of Colonel Meinertzhagen's letter covering the two independent applications, of which the latter had been prepared by the Standing Committee on Ornithological Nomenclature the question of the possible suppression under the Plenary Powers of certain names in Linnaeus's *Catalogue of Birds, etc.*, of 1776 was allotted the Registered Number Z.N.(S.) 502. The wider application received later from the Committee on Nomenclature of the American Museum of Natural History, New York, in which the Commission was asked to suppress the foregoing *Catalogue* completely for nomenclatorial purposes was similarly allotted the Registered Number Z.N.(S.) 649. Later, these two files were amalgamated under the Number Z.N.(S.) 502.

4. **Submission of an analysis of the bird names in Linnaeus's "Catalogue of Birds . . ." of 1776 :** In the course of correspondence in the early part of 1952 the late Dr. James L. Peters, then President of the International Commission, drew the attention of the Secretary to an analysis of the bird names in Linnaeus's *Catalogue of Birds . . .* of 1776 which he had published in 1950 (Peters, *Auk* 67 : 375—377). In this letter (dated 26th March 1952) Dr. Peters expressed the view with reference to the

application from the Standing Committee on Ornithological Nomenclature (the receipt of which had been reported to him by Mr. Hemming) "that the entire list either should be suppressed or should be upheld and that individual cases should not be singled out for action". Upon the receipt of Dr. Peters's letter Mr. Hemming decided that it would be helpful to the Commission if it were to have before it an analysis of the conclusions reached by Dr. Peters on the bird names in Linnaeus's *Catalogue* of 1776. For this purpose Mr. Hemming prepared for the consideration of the Commission the following paper drawing attention to Dr. Peters's paper of 1950 and giving a table of the new Linnean names of 1776 and of the new spellings for older names then published which Dr. Peters had noted :—

On the proposal by the Nomenclature Committee of the American Museum of Natural History, New York, for the suppression under the Plenary Powers of the Linnean names published in 1776 in the "Catalogue of Edwards's Natural History" with special reference to the new names for Birds

By FRANCIS HEMMING, C.M.G., C.B.E.

(Secretary to the International Commission on Zoological Nomenclature)

When the International Commission comes to consider the application submitted by the Nomenclature Committee of the American Museum of Natural History, New York, that the Plenary Powers should be used to suppress all the new names by Linnaeus published in 1776 in the *Catalogue of Edwards's Natural History* (*Bull. zool. Nomencl.* 6 : 163), it will be necessary to consider two questions which would call for decision if it were proposed to take action in the sense recommended.

2. The points to be considered are :—

- (1) If this work were to be suppressed for nomenclatorial purposes, should that suppression be absolute (i.e. should that suppression apply for the purposes both of the Law of Priority and of the Law of Homonymy) or should it be limited, either for all names in the book or for some of them, to the Law of Priority?
- (2) If the whole work were to be suppressed for either or both of the foregoing purposes, what steps ought to be taken to give effect in this case to the general direction of the International Congress?

of Zoology that adequate measures should be taken to ensure that the decision so taken is clearly related to the individual names involved (1950, *Bull. zool. Nomencl.* 4 : 334).

3. On Point (1) the position is, so far as I know, that in one group only has a detailed survey been made of the new names in this *Catalogue*. The group concerned is the birds, as regards which Dr. James L. Peters (*Museum of Comparative Zoology, Cambridge, Mass., U.S.A.*) has published (1950, *Auk* 67 : 375—377) a complete list of the names involved. In view of the fact that the names concerned have thus acquired considerable prominence, I suggest that, if the Commission were to use its Plenary Powers to suppress this work, the logical course, as regards the bird names, would be to suppress them for the purposes of the Law of Priority but not for those of the Law of Homonymy. The effect of such a decision would be to prevent these names or any of them from taking priority over names in current use but at the same time, by maintaining the status of these names for purposes of homonymy, to prevent the confusion which might arise if the same trivial names were later to be applied to other species in the genera concerned. In the case of the groups, other than birds, no publicity in modern times has, so far as I am aware, been given to the names in question ; it would seem appropriate, therefore, that, if the names in this *Catalogue* are to be rejected, the names of taxonomic units belonging to groups other than birds should be suppressed absolutely, that is, both for the purposes of the Law of Priority and also for those of the Law of Homonymy.

4. On Point (2), it would be necessary, if the *Catalogue* were to be suppressed, to ask specialists in the various groups concerned to examine that work and to report which names in it were new and would therefore be affected by the general decision taken. The names so reported would then be placed on the *Official Indexes of Rejected and Invalid Names*. In the case of the bird names in the *Catalogue* the required information is already available through the paper by Dr. Peters referred to in paragraph 3 above, where it is shown that in the *Catalogue* there are one generic name and eighteen trivial names which are either new or have been so changed in spelling as, in Dr. Peters's opinion, to rank as new names. Particulars regarding these names have been extracted from Dr. Peters's paper and are given in the annexes attached hereto.

ANNEXE 1

One new generic name for a bird by Linnaeus published in 1776 in the " Catalogue of Edwards's Natural History "

Vermivora Linnaeus, 1776 (: 13) ; a name based upon plate 305. This name antedates the name *Vermivora* Swainson, 1827.

ANNEXE 2

New trivial names for birds by Linnaeus published in 1776 in the
"Catalogue of Edwards's Natural History"

New Name	Page in "Catalogue" where name given	Plate in Edwards's "Nat. Hist." on which name based	Modern equivalent (as worked out by Dr. James L. Peters)
<i>americ, Vermivora</i>	13	305	<i>Motacilla vermicivora</i> Gmelin, 1789
<i>araracina², Psittacus</i>	9	159	<i>Psittacus ararauna</i> Linnaeus, 1758
<i>bicator, Coracias</i>	13	320	considered to be unidentifiable
<i>calidris, Motacitta</i> [sic]	8	121	species figured not recognisable
<i>cinereus, Todos</i> [sic]	12	262	<i>Todus cinereus</i> Linnaeus, 1766
<i>dominica, Loxia</i>	8	127	<i>Loxia dominicana</i> Linnaeus, 1758
<i>falcolinus, Tetrao</i>	11	246	<i>Tetrao francolinus</i> Linnaeus, 1766
<i>globifera, Crax</i>	13	295	<i>Crax globicera</i> Linnaeus, 1766
<i>hybrida, Meleagris</i>	14	337	<i>Lyrurus tetrax</i> x <i>Phasianus colchicus</i>
<i>lutea, Muscicapa</i>	11	255	<i>Sylvia magnolia</i> Wilson, 1811
<i>nyctelea, Strix</i>	6	61	<i>Strix nyctea</i> Linnaeus, 1758 (<i>Strix</i> <i>scandiaca</i> Linnaeus, 1758)
<i>pensylvanica</i> [sic], <i>Passer</i>	13	304	<i>Fringilla albicollis</i> Gmelin, 1789
<i>senegallensis, Picus</i>	9	182	<i>Picus benghalensis</i> Linnaeus, 1758
<i>spectrum, Psittacus</i>	13	315	<i>Psittacus fuscus</i> Müller (P.L.S.), 1776
<i>spectrum, Psittacus</i>	13	316	<i>Psittacus aterrimus</i> Gmelin, 1788
<i>umbellatus, Tetrao</i>	11	248	<i>Tetrao umbellus</i> Linnaeus, 1766
<i>voarula, Motacilla</i>	12	259	<i>Motacilla boarula</i> Linnaeus, 1771
<i>zeylonicus, Turdus</i>	13	321	<i>Turdus zeylonus</i> Linnaeus, 1766

² As pointed out by Zimmer in the paper reproduced in paragraph 8 of the present *Opinion*, the spelling actually used by Linnaeus in 1776 was *araracina* and not *araracina* as inadvertently stated by Peters in 1950.

5. Publication of the application for the entire suppression for nomenclatorial purposes of the "Catalogue of Birds . . ." of Linnaeus of 1776 : At the beginning of April 1952 consideration was given to the question of the procedure most conveniently to be adopted in handling the allied but distinct applications in regard to Linnaeus's "*Catalogue of Birds . . .*" of 1776 which had been received respectively from the Standing Committee on Ornithological Nomenclature and from the Committee on Nomenclature of the American Museum of Natural History, New York. Under an arrangement then recently entered into between the International Trust for Zoological Nomenclature and Colonel Meinertzhagen, the Chairman of the Standing Committee, the applications submitted to the Commission by that Committee were at that time marshalled together with a view to their being in a single large Part of the *Bulletin of Zoological Nomenclature*, it being judged that such a grouping would serve the convenience of ornithologists. By this date considerable progress had been made with the preparation of this Part but as regards certain of the applications concerned there were still outstanding problems which prevented immediate publication. It was considered, however, that the fact that it was not possible at that time to publish the application received from the Standing Committee need constitute no bar to the immediate publication of the proposals received from the Committee on Nomenclature of the American Museum and indeed that the prior publication of that application offered definite advantages in view of the fact that it was considerably wider in scope, covering names of taxa belonging to a wide range of Classes and not merely names of taxa belonging to the Class Aves. Accordingly, on 7th April 1952 the application received from the Committee on Nomenclature was sent to the printer and publication took place a few weeks later on the appearance on 22nd May 1952 of Part 6 of volume 6 of the *Bulletin of Zoological Nomenclature* (Zimmer *et al.*, 1952, *Bull. zool. Nomencl.* 6 : 163).

6. Issue in May 1952 of Public Notices relating to the application submitted by the Committee on Nomenclature of the American Museum of New York : Under the revised arrangements prescribed by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, *Bull. zool. Nomencl.* 4 : 51—56) Public Notice

of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers for the purposes requested by the Committee on Nomenclature of the American Museum of Natural History, New York, was given on 22nd May 1952 (a) in Part 6 of volume 6 of the *Bulletin of Zoological Nomenclature* (the Part in which the Committee's application was published) and (b) to the other Prescribed Serial Publications.

7. Comments received in response to the Public Notices issued in May 1952 : The issue of the Public Notices specified in paragraph 6 above elicited no objection to the action proposed, but two specialists informed the Commission that in their view the material furnished by the Committee on Nomenclature of the American Museum of Natural History, New York, in this case was insufficient to justify the Commission in using its Plenary Powers in the manner proposed. The specialists from whom these communications were received were : (a) Mr. Cyril F. dos Passos (*Mendham, New Jersey, U.S.A.*) (letters dated 28th June and 9th August 1952) and (b) Dr. Curtis W. Sabrosky (*United States Department of Agriculture, Agricultural Research Administration, Bureau of Entomology and Plant Quarantine, Washington, D.C., U.S.A.*) (letter dated 22nd August 1952). So far as concerns the bird names in Linnaeus's *Catalogue* of 1776 the point raised by these correspondents had already been met by the preparation of the (at that time unpublished) analysis (referred to in paragraph 4 above) of the detailed survey carried out by Dr. James L. Peters. So far as concerns names for taxa belonging to groups other than birds Mr. Hemming on the receipt of the earlier of the communications referred to above notified Dr. Zimmer of the criticism received and invited him to furnish particulars relating to the names introduced by Linnaeus in the *Catalogue* of 1776 for taxa other than those belonging to the Class Aves. Dr. Zimmer's reply is given in the immediately following paragraph.

8. Supplementary statement furnished in August 1952 by Dr. John T. Zimmer, Chairman of the Committee on Nomenclature of the American Museum of Natural History, New York : On 6th

August 1952 Dr. John T. Zimmer, Chairman of the Committee on Nomenclature of the American Museum of Natural History, New York, addressed the following letter and enclosure to the Commission by way of a supplement to the proposal previously submitted on behalf of the above Committee (paragraph 2 of the present *Opinion*) :—

You will remember that on 3rd April last year I sent you the text of a Resolution adopted by the Nomenclature Committee of the scientific staff of the American Museum of Natural History recommending the International Commission on Zoological Nomenclature to use its Plenary Powers to suppress for nomenclatural purposes all new names as published in 1776 in the list of Linnean names for animals figures in Edwards's *Natural History of Carolina*. Since then I have consulted colleagues in other Departments of this Museum with the view to furnishing the Commission with particulars of new names published in this list for the groups with which they are concerned. The difficulty has been that members of other departments of the Museum are away on vacations and field trips and it has been difficult to find some one familiar with various groups other than the birds and mammals. However, there appear to be few cases outside of the birds that are affected by this publication. I have noted what could be found, including a great number of cases of confusion in the birds, not listed by Peters, presumably because they do not certainly entail changes of name. Nevertheless, they furnish evidence of the almost incredible hodge-podge existing in the *Catalogue* and support our contention that the *Catalogue* should be outlawed.

I have, in most cases, indicated the nature of the fault without citing full details which would require a great deal of space. As explanation I may note the following types of error :

“ 277 two species, one Latin name ”. Two apparently different species are on the plate in question or at least two separate vernacular names are cited by Linnaeus for which only one name is given in Latin without restrictive assignment to one or the other. A mammalian Latin name may be cited for an avian vernacular as on 265.

“ 344 names transposed ”. Two or more species listed by vernacular name and the same number of Latin names provided, but not in the same order. No assurance here as to which names belong to which species.

Admittedly, a large share of the faults are typographical errors, but possibly some were intended as emendations. There is no way to tell.

Enclosure to Dr. John T. Zimmer's letter of 6th August 1952

Linnaeus, 1776, "Catalogue of Birds . . ."

Class Mammalia

- 181. Little Indian pye—ground squirrel. *Gracula saularis* [Aves]
- 215. *sabea* for *sabaea*
- 216. *Mogoz* for *mongoz*
- 217. *maucaco* for *macaco*
- 220. *Myrmecophago* for *Mymecophaga*
- 231. Green-and-red parrot from China [Aves] *Rhinoceros bicornu*
- 294. *Porcellus* for the Guinea Pig. New synonym.

Class Aves

- 25. two species, one Latin name
- 49. *Phaeton* for *Phaëthon* (1758) or *Phaëton* (1766)
- 81. *cruantata* for *cruentata*
- 83. *Loxio* for *Loxia*
- 106. *Vulture* for *Vultur*
- 118. *canadenses* for *canadensis*
- 121. *Todos* for *Todus*
- 122. *Certhra* for *Certhia* ; two species, one Latin name
- 142. *fulicana* for *fulicaria*
- 149. *Phaëton* for *Phaëthon*
- 152. *coerulescens* for *caerulescens*
- 159. *arararacina* (Peters wrote *araracina*³)
- 178. *oryx* for *orix*
- 181. Little Indian pye—ground squirrel. *Cracula saularis* [Aves]
- 187. *Sturmus* for *Sturnus*
- 191. *Fringella* for *Fringilla*
- 192. *pavonia* for *pavonina*
- 225. Blue hawk and little brown lizard. *Falco caerulescens* [Aves]
- 231. Green-and-red parrot from China. *Rhinoceros bicornu* [Mamm.]
- 241. *Tamagra jacova* for *Tanagra jacapa* (not on the plate)
- 243. *Oriotus* for *Oriolus*
- 254. two species, one Latin name

³ This correction has been duly incorporated in the Ruling given in the present *Opinion*. See footnote 1.

262. names transposed
265. Purple Indian creepers [Aves] *Mus avellanarius* [Mamm.]
266. two species, one Latin name
267. *Tanagro* for *Tanagra*
277. two species, one Latin name
278. two species, one Latin name
291. two species, one Latin name
292. two species, one Latin name
306. two species, one Latin name
307. The whimbrel or lesser curlew. *Tanagra-Jacarina*. ("jaccarini" is figured on plate 306, but the generic name *Jacarina* is new and it and *Tanagra* are not applicable to anything on plate 307). Plate 307 was, in 1766, tentatively assigned to *Scolopax Phaeopus*.
309. *Pilecanus* for *Pelecanus*
321. *zeylonicu* for *zeylonicus*
324. *brachiurus* for *brachyurus*
344. names transposed
348. two species, one Latin name
355. names transposed
358. *aretica* for *arctica*
359. *Procellara* for *Procellaria*
360. *mellifugus* for *mellisugus* ; two other species transposed and one identified as *Colymbus troile* instead of *Colymbus urinator* as in 1766
361. *Pipra aureola* is figured on plate 261, not 361. The wall creeper, and figured on plate 361 is named as if on plate 362 along with two
362. other species for which one name is given in Latin.

Class Reptilia

202. Large green spotted lizard. *Phalaena grossulariata* [Insecta] (which is also on the plate)
207. Two headed snake. *Serpens biceps*. Latin name is new and if the snake is identifiable, may have to be used
225. Blue hawk and little brown lizard. *Falco caerulescens* [Aves]
247. *agilio* for *agilis*.

Class Insecta

126. *Papillio* for *Papilio*
105. "two beetles", *Papilio bilobus*
128. *glaucipe* for *glaucippe*
202. Large green spotted lizard. *Phalaena grossulariata* (which is also on the plate)
258. *sycifolis* for *siccifolia*
285. *Spinulosus*; an unquoted generic name, presumably for "whistle insect".

9. Publication in October 1952 of the application submitted by the Standing Committee on Ornithological Nomenclature: By the beginning of September 1952 all the applications submitted by the Standing Committee on Ornithological Nomenclature were ready for publication and on the 11th of that month the Part (Triple-Part 1/3) of volume 9 of the *Bulletin of Zoological Nomenclature*, the Part which, as already explained (paragraph 5 above), had been specially reserved for the publication of the applications submitted by the Standing Committee and of associated matters, was made up and despatched to the printer for page proof. This Part, which was published on 15th October 1952 contained, *inter alia*, the following documents relating to the present case: Meinertzhagen (for the Standing Committee on Ornithological Nomenclature), *Bull. zool. Nomencl.* 9 : 65—67; Hemming, 1952, *ibid.* 9 : 68—69).

10. Issue in October 1952 of Public Notices relating to the application submitted by the Standing Committee on Ornithological Nomenclature: Under the revised procedure prescribed by the Thirteenth International Congress of Zoology, Paris, 1948, Public Notice of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers for the purposes specified in the application submitted by the Standing Committee on Ornithological Nomenclature was given on 15th October 1952 (a) in Triple-Part 1/3 of volume 9 of the *Bulletin of Zoological Nomenclature* (the Part in which the foregoing application was published), (b) to the other prescribed serial publications, and (c) to certain general zoological serials. In addition, such Notice was given also to fourteen serial publications

or institutions specially concerned with ornithology. The names of the serials and institutions in question have been given in the *Opinion* (*Opinion* 401)⁴ relating to the generic name *Colymbus* Linnaeus, the *Opinion* in which the Commission dealt with the first of the series of applications submitted by the Standing Committee on Ornithological Nomenclature.

11. Comments of a general character : The issue of the Public Notices specified above elicited thirty-seven comments of a general character relating to the cases of ornithological nomenclature published in Triple-Part 1/3 of volume 9 of the *Bulletin of Zoological Nomenclature*. These comments came from ornithological institutions, groups of ornithologists and individual specialists. Of these comments, the authors of thirty-six gave general support to the applications published in the foregoing Triple-Part. The single remaining comment was from a specialist who was opposed to any use of the Commission's Plenary Powers. The communications so received have been reproduced in the Appendix annexed to *Opinion* 401 (*Colymbus*)⁵, those supporting the applications referred to above being given in Part 1, the single comment in opposition to the above applications being given in Part 2. Three comments relating to the present case were received in the Office of the Commission. The first was a note of support for the total rejection of the *Catalogue* of 1776 as proposed by the Committee on Nomenclature of the American Museum of Natural History ; the second was a letter from seven United States ornithologists supporting the more limited proposal submitted by the Standing Committee on Ornithological Nomenclature ; the third was a letter received from an English ornithologist who argued that the *Catalogue* of 1776 was already invalid and therefore that no action was required on the part of the Commission. The communications so received are reproduced in the immediately following paragraphs.

12. Support received from Dr. Alden H. Miller (University of California, Berkeley, California, U.S.A.) for the proposed rejection

⁴ *Opinion* 401 has been published as Part 1 of the present volume.

⁵ See Footnote ⁴ above.

of the "Catalogue" of Linnaeus of 1776 as recommended by the Committee on Nomenclature of the American Museum of Natural History, New York : On 8th December 1952 Dr. Alden H. Miller (*University of California, Museum of Vertebrate Zoology, Berkeley, California, U.S.A.*) addressed a letter to the Commission in which he indicated as follows his support for the proposal by the Committee on Nomenclature of the American Museum of Natural History, New York (paragraph 2 of the present *Opinion*) for the rejection under the Plenary Powers of all new names in the *Catalogue* of Linnaeus of 1776 :—

I may say that I have studied the case of *Vermivora* and certain trivial names that appear in the Linnaeus supplement to Edwards. I am of the opinion that this supplement should be suppressed as obviously not the true or representative work of Linnaeus. In short, I am in agreement with the petition filed with your Commission by Zimmer and others.

13. Support received from Dr. Josselyn Van Tyne (Ann Arbor, Michigan, U.S.A.) and six other United States ornithologists for the proposal for the suppression of certain names in the "Catalogue" of Linnaeus of 1776 as recommended by the Standing Committee on Ornithological Nomenclature : On 18th March 1953 Dr. Josselyn Van Tyne (*Ann Arbor, Michigan, U.S.A.*) and six under-mentioned specialists addressed to the Commission a joint letter of support for the proposal of the Standing Committee on Ornithological Nomenclature for the suppression of certain names published in the *Catalogue* of Linnaeus of 1776 : (a) Robert W. Storer (*Museum of Zoology, University of Michigan, Ann Arbor, Michigan, U.S.A.*) ; (b) Andrew J. Berger (*Ann Arbor, Michigan, U.S.A.*) ; (c) Olin Sewall Pettingill, Jr. (*Northfield, Minnesota, U.S.A.*) ; (d) Alden H. Miller (*Berkeley, California, U.S.A.*) ; (e) Frank A. Pitelka (*Berkeley, California, U.S.A.*) ; (f) John Davis (*Los Angeles, California, U.S.A.*). The letter so received was as follows :—

We, the undersigned, wish to express our strong approval of proposal No. 9 (concerning *Vermivora*, etc.) published on page 3⁶ of vol. 9 of the

⁶ The page reference here cited is to the page in Triple-Part 1/3 of volume 9 of the *Bulletin of Zoological Nomenclature*, where the present application appeared as proposal No. 9 in the Prescribed Plenary Powers Notice.

Bulletin of Zoological Nomenclature. We hope that your Commission will take favourable action on it.

14. Communication received from Captain C. H. B. Grant (British Museum (Natural History), London) advancing the view that the " Catalogue " of Linnaeus of 1776 was already invalid : On 2nd April 1953 Captain C. H. B. Grant (*British Museum (Natural History), London*) addressed a letter to the Commission enclosing the following statement in which he advanced the view that the *Catalogue* of Linnaeus of 1776 was already invalid and therefore that no action in regard thereto was required on the part of the Commission :—

On Linnean Names in Edwards's Memoirs of Life and Work 1776

The *Catalogue* at the end of this work, paginated separately 5—15 with foreword by Linnaeus dated August 1, 1775, is dated 1776. This *Catalogue* is in Edwards's *Nat. Hist. of Bds.* 1743.

The *Catalogue* of 1776 is therefore antedated by the same *Catalogue* in Edwards's work of 1743. However, 1743 is pre-1758 and the names of 1776 must be considered, under the Proposal as follows :

“ A pre-Linnean name, that is, a name introduced prior to 1st January 1758, is not validated by being cited or reprinted in its original form after that date. A pre-1758 name can be adopted by a later author and is subject to the proposal governing an MS. name ”.

Remarks : A pre-1758 name having no standing in nomenclature is available for use by a post-1758 author, and if adopted becomes that of the author who first introduced it into nomenclature after 1st January 1758.

There is no doubt that the *Catalogue* of 1776 is an exact copy of the 1743 *Catalogue*, including the pagination, and as such must be considered as a reprint and not as a new *Catalogue*.

No need arises to suppress this 1776 Catalogue nor to take any action about it, as under the "Proposal"* it has no standing or validity.

III.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

15. Procedural arrangements made in 1954 for obtaining from the International Commission a decision on the applications received from the Standing Committee on Ornithological Nomenclature and from the Committee on Nomenclature of the American Museum of Natural History, New York, respectively :

When in the early part of 1954 the stage had been reached for the preparation of Voting Papers for submission to the International Commission in regard to the group of cases relating to ornithological nomenclature published in Triple-Part 1/3 of volume 9 of the *Bulletin of Zoological Nomenclature*, special consideration was given to the procedure to be adopted in relation to the application regarding the *Catalogue* of Linnaeus of 1776 submitted by the Standing Committee on Ornithological Nomenclature, having regard to the fact that a wider application in regard to this work, involving names for taxa of all groups and not merely those for birds had been submitted by the Committee on Nomenclature of the American Museum of Natural History, New York. On this matter Mr. Hemming, as Secretary, took the following view : (1) Because of the overlapping character of the two applications concerned it would be desirable that the decisions to be taken by the Commission should ultimately be united in a single *Opinion*. (2) The most convenient course from the point of view of the Commission would be one under which it would be invited to take simultaneously two votes on this

* Based on I.C.Z.N. *Opinion* 5, and which appears to be common sense.

case, (a) first, on the question whether or not all names in the *Catalogue* should be suppressed for nomenclatorial purposes (i.e. whether the book as a whole should be suppressed), and (b) second, whether, if the foregoing question were to be answered in the negative, the particular names dealt with in the application submitted by the Standing Committee on Ornithological Nomenclature should nevertheless be suppressed individually under the Plenary Powers. Accordingly, two Voting Papers were prepared for the consideration of the Commission. The proposals so prepared were as follows :—

- (a) *Vote "A"* : Under this vote the Commission would be asked to take a decision on the major problem raised by the Committee on Nomenclature of the American Museum of Natural History, New York (1952, *Bull. zool. Nomencl.* 6 : 163), namely that Linnaeus's *Catalogue of Birds . . . of 1776* should be eliminated from consideration for nomenclatorial purposes. In order to secure this end, it would be necessary for the Commission to suppress the names in the foregoing work for the purposes both of the Law of Priority and of the Law of Homonymy. This therefore was the recommendation prepared for submission to the Commission under this preliminary vote. If the Commission were to return an affirmative vote on Vote "A", the consequential action which it would be necessary for it to take would be (i) to place the title of the foregoing work on the *Official Index of Rejected and Invalid Works in Zoological Nomenclature*, and (ii) to place on the appropriate *Official Indexes of Rejected and Invalid Names in Zoology* the names for birds published in the foregoing work as listed in Annexes 1 and 2 of the note summarising a survey made by Dr. James L. Peters submitted by the Secretary (1952, *Bull. zool. Nomencl.* 9 : 69).
- (b) *Vote "B"* : If the Commission in Vote "A" were to approve the action there recommended, it would still be necessary for it to take decisions on Points (2) to (4) in the proposal submitted by the Standing Committee on Ornithological Nomenclature in Colonel Meinertzhagen's

letter of 19th October 1952 (1952, *Bull. zool. Nomencl.* 9 : 65—66), though no action would in that event be needed under Point (1) in that letter, since the action under the Plenary Powers there recommended would already have been taken. If, however, the Commission were to reject the proposal submitted with Vote “ A ”, it would need to consider whether, notwithstanding the fact that it had refused to suppress under its Plenary Powers all the names in the *Catalogue* of 1776, the four names cited in Colonel Meinertzhagen’s letter should nevertheless be suppressed. Accordingly, under Vote “ B ” the Commission was asked to vote on all four of the points submitted in Colonel Meinertzhagen’s letter, on the understanding that, if “ the Commission votes [on Vote “ A ”] for the total suppression of all the Linnean names in Edwards, 1776, Point (1) in the present case will no longer be necessary ”.

16. Issue of Voting Papers V.P.(54)71 and V.P.(54)72 : On 14th May 1954 two Voting Papers (V.P.(54)71 and V.P.(54)72) were issued to the Members of the Commission in regard to the present case. In the first of these Voting Papers the Members of the Commission were invited to vote either for, or against, the proposal submitted by the Committee on Nomenclature of the American Museum of Natural History of New York and set out under the heading Vote “ A ” in paragraph 15 of the present *Opinion*. In the second of the foregoing Voting Papers the Members of the Commission were invited to vote either for, or against the proposal submitted by the Standing Committee on Ornithological Nomenclature and associated questions as set out under the heading Vote “ B ” in the paragraph cited above.

17. The Prescribed Voting Period : As the foregoing Voting Papers were issued under the Three-Month Rule, the Prescribed Voting Period closed on 14th August 1954.

18. Particulars of the Voting on Voting Papers V.P.(54)71 and V.P.(54)72 : At the close of the Prescribed Voting Period, the

state of the voting on Voting Papers V.P.(54)71 and V.P.(54)72 was as follows :—

Voting Paper V.P.(54)71
(Vote "A")

(a) *Affirmative Votes, sixteen (16) (arranged in the order in which Votes were received) :*

Riley ; Lemche ;
Dymond ; Hering ;
Vokes ; Jaczewski ;
Esaki ; Bonnet ;
Bradley (J.C.) ;
Hemming ; do Amaral ;
Pearson ; Mertens ;
Sylvester-Bradley ;
Cabrera ; Stoll ;

(b) *Negative Votes, two (2) :*

Holthuis ; Hankó ;

(c) *Voting Paper not returned, one (1) :*

Boschma.

Voting Paper V.P.(54)72
(Vote "B")

(a) *Affirmative Votes, eighteen (18) (arranged in the order in which Votes were received) :*

Holthuis ; Lemche ;
Dymond ; Hering ;
Vokes ; Esaki ; Riley ;
Bonnet ; Bradley (J.C.) ;
Hemming ; do Amaral ;
Pearson ; Hankó ;
Mertens ; Sylvester-
Bradley ; Cabrera ;
Stoll ; Jaczewski ;

(b) *Negative Votes :*

None ;

(c) *Voting Paper not returned, one (1) :*

Boschma.

19. Declaration of Result of Votes on Voting Papers V.P.(54)71 and V.P.(54)72 : On 17th August 1954, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Votes taken on Voting Papers V.P.(54)71 and V.P.(54)72 respectively, signed a Certificate in respect of each of the foregoing Voting Papers that the Votes cast were as set out in paragraph 18 above and declaring that the proposals submitted in the said Voting Papers had been duly adopted and that the decisions so taken were the decisions of the International Commission in the matters aforesaid.

20. Preparation of the Ruling given in the present "Opinion" :
 On 18th October 1955 Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposals severally approved by the International Commission in its Votes on Voting Paper V.P.(54)71 and Voting Paper V.P.(54)72 respectively.

21. Original references : The following are the original references for the names placed on *Official Lists* and *Official Lists* by the Ruling given in the present *Opinion* :—

- albicollis*, *Fringilla*, Gmelin (J.F.), [1789], in Linnaeus, *Syst. Nat.* (ed. 13) 1(2) : 921
- americ.* [sic], *Vermivora*, Linnaeus, 1776, *Cat. Birds Beasts Fishes Ins. Edwards's Nat. Hist.* : 13
- araracina*, *Psittacus*, Linnaeus, 1776, *loc. cit.* : 9
- bicator*, *Coracias*, Linnaeus, 1776, *loc. cit.* : 13
- calidris*, *Motacitta* [sic], Linnaeus, 1776, *loc. cit.* : 8
- cinereus*, *Todos* [sic], Linnaeus, 1776, *loc. cit.* : 12
- dominica*, *Loxia*, Linnaeus, 1776, *loc. cit.* : 8
- falcolinus*, *Tetrao*, Linnaeus, 1776, *loc. cit.* : 11
- globifera*, *Crax*, Linnaeus, 1776, *loc. cit.* : 13
- Helmitheros* Rafinesque, 1819, *J. Physique* 88 : 418
- hybrida*, *Meleagris*, Linnaeus, 1776, *Cat. Birds Beasts Fishes Ins. Edwards's Nat. Hist.* : 14
- lutea*, *Muscicapa*, Linnaeus, 1776, *loc. cit.* : 11
- magnolia*, *Sylvia*, Wilson, 1811, *Amer. Ornith.* 3 : 63
- nyctelea*, *Strix*, Linnaeus, 1776, *Cat. Birds Beasts Fishes Ins. Edwards's nat. Hist.* : 6
- pensylvanica* [sic], *Passer*, Linnaeus, 1776, *loc. cit.* : 13
- senegallensis*, *Picus*, Linnaeus, 1776, *loc. cit.* : 9

spectrum, *Psittacus*, Linnaeus, 1776, *loc. cit.* : 13, ref. Edwards's pl. 315

spectrum, *Psittacus*, Linnaeus, 1776, *loc. cit.* : 13, ref. Edwards's pl. 316

umbellatus, *Tetrao*, Linnaeus, 1776, *loc. cit.* : 11

Vermivora Linnaeus, 1776, *loc. cit.* : 13

vermivora, *Motacilla*, Gmelin (J.F.), [1789], in Linnaeus, *Syst. Nat.* (ed. 13) 1(2) : 951

voarula, *Motacilla*, Linnaeus, 1776, *Cat. Birds Beasts Fishes Ins. Edwards's nat. Hist.* : 12

zeylonicus, *Turdus*, Linnaeus, 1776, *loc. cit.* : 13

22. New names in Linnaeus, 1776, in Edwards for taxa other than those belonging to the Class Aves : By the Ruling given in the present *Opinion* all new names for taxa of the Class Aves published in the Linnaeus's *Catalogue* of 1776 have been duly placed on the appropriate *Official Indexes of Rejected and Invalid Names in Zoology*. In order fully to comply with the General Directive issued by the International Congress of Zoology that all names involved in any given case be placed either on the *Official List* or *Official Index* concerned, it will be necessary for the Commission to place on the *Official Indexes* all new names published in the foregoing work for taxa belonging to groups other than birds. Particulars of a considerable number of such names have already been furnished by Dr. John T. Zimmer (paragraph 8). The action required under this head is now being investigated on File Z.N.(S.) 1145 with a view to the submission of comprehensive proposals to the Commission as soon as possible. The decision of the Commission in this matter, when taken, will, it is proposed, be embodied in a *Direction* which will be published in one of the concluding Parts of the present volume.

23. Family-group-name problems : It has been ascertained that no family-group-name problem arises in connection with the generic name *Helmitheros* Rafinesque, 1819, the only generic

name placed on the *Official List of Generic Names in Zoology* by the Ruling given in the present *Opinion*, the genus so named being currently placed in the family PARULIDAE.

24. At the time of the submission of the present application the name applicable to the second portion of a binomen was "trivial name". This was altered to "specific name" by the Fourteenth International Congress of Zoology, Copenhagen, 1953, which at the same time made corresponding changes in the titles of the *Official List* and *Official Index* of names of this category. These changes in terminology have been incorporated in the Ruling given in the present *Opinion*.

25. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

26. The present *Opinion* shall be known as *Opinion* Four Hundred and Twelve (412) of the International Commission on Zoological Nomenclature.

DONE in London, this Eighteenth day of October, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING